

## CORRECTION

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[www.rsc.org/chemicalscience](http://www.rsc.org/chemicalscience)Heterodinuclear zinc and magnesium catalysts for epoxide/CO<sub>2</sub> ring opening copolymerizations†Gemma Trott,<sup>a</sup> Jennifer A. Garden<sup>b</sup> and Charlotte K. Williams<sup>\*a</sup>Correction for 'Heterodinuclear zinc and magnesium catalysts for epoxide/CO<sub>2</sub> ring opening copolymerizations' by Gemma Trott *et al.*, *Chem. Sci.*, 2019, DOI: 10.1039/c9sc00385a.

In the original manuscript, an error was made in Table 2 for entries 1–3. Incorrect TON and TOF values were reported for compounds **2b**, **2c** and **2e** at a pressure of 1 bar. Also the PCHC selectivity values for **2b** and **2c** at 1 bar were incorrect. The correct

Table 2 Copolymerization reaction conditions<sup>a</sup>

| Cat. | Catalyst (mol%) | Temp. (°C) | Pressure (bar) | PCHC <sup>b</sup> (%) | TON <sup>b</sup> | TOF <sup>b</sup> (h <sup>-1</sup> ) | M <sub>n</sub> [D] <sup>b</sup> |
|------|-----------------|------------|----------------|-----------------------|------------------|-------------------------------------|---------------------------------|
| 2b   | 0.1             | 120        | 1              | >96                   | 377              | 435                                 | 12 280 [1.04]<br>5340 [1.13]    |
| 2c   | 0.1             | 120        | 1              | >93                   | 419              | 466                                 | 14 490 [1.06]<br>5930 [1.15]    |
| 2e   | 0.1             | 120        | 1              | >99                   | 430              | 645                                 | 21 760 [1.04]<br>9090 [1.15]    |
| 2c   | 0.01            | 120        | 20             | >99                   | 4415             | 8830                                | 44 400 [1.04]<br>21 200 [1.05]  |
| 2c   | 0.005           | 120        | 20             | >99                   | 5435             | 1359                                | 54 380 [1.04]<br>26 550 [1.04]  |

<sup>a</sup> Reactions were carried out in a Parr high pressure vessel with an impeller at 20 bar. <sup>b</sup> See Table 1 and ESI for all data (Fig. S56–S60).

TON, TOF and PCHC values for these compounds are shown below:

To highlight this update, the sentence in the original manuscript "For the Zn(II)/Mg(II) complexes, the best activity value reaches 654 h<sup>-1</sup> which is at the upper end of values for the low pressure regime.<sup>10,14,15</sup>" on page 7 should now read "For the Zn(II)/Mg(II) complexes, the best activity value reaches 645 h<sup>-1</sup> which is at the upper end of values for the low pressure regime.<sup>10,14,15</sup>"

Finally, a corrected version of Fig. 4 is also provided here to highlight the correct TOF value for complex **2e**.

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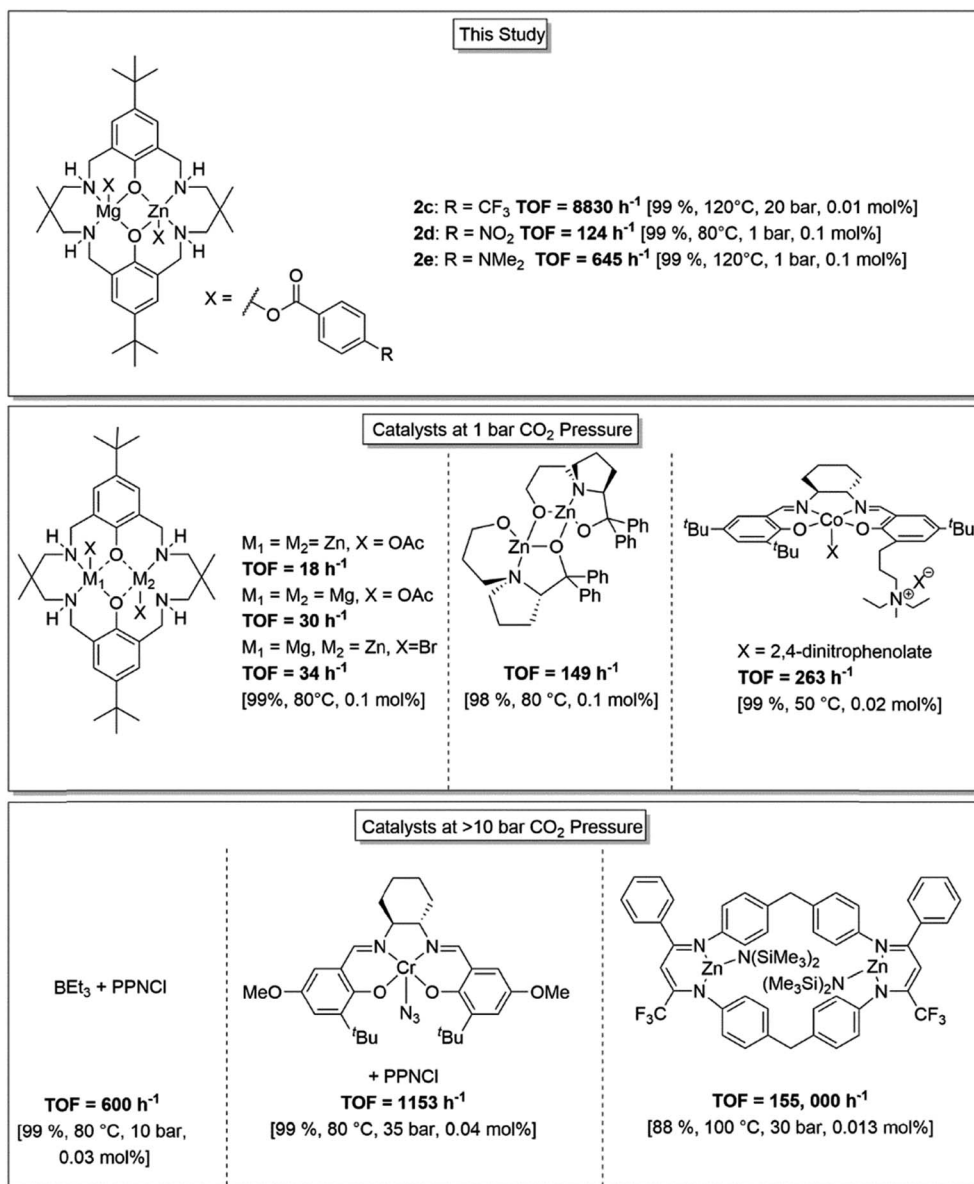


Fig. 4 Illustration of the structures, activity and selectivity for some of the highest performing catalysts reported for CO<sub>2</sub>/CHO ROCOP.<sup>22,25,33,34,59,61</sup>

The original ESI was replaced by a correspondingly revised version on 16th May 2019 to reflect these changes. The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

